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ional Application No PCT/GB2005/000114

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 B01J19/00 B01 B01D3/08 B01F13/00 According to International Patent Classification (IPC) or to both national classification and IPC Minimum documentation searched (classification system tollowed by classification symbols) IPC 7 B010 B01F B01J B01L Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the International search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to daim No. Citation of document, with indication, where appropriate, of the relevant passages 1-19 A,P US 2004/252584 A1 (JI HONGMIAO ET AL) 16 December 2004 (2004-12-16) paragraphs '0033!, '0046!; claims; figures 1,3,4 WO 99/44736 A (INSTITUT FUER MIKROTECHNIK 1 - 19A MAINZ GMBH; EHRFELD, WOLFGANG; LOEWE, HOLGE) 10 September 1999 (1999-09-10) claims; figures la,1b,2 1 - 19US 4 292 409 A (CREMONESI ET AL) Α 29 September 1981 (1981-09-29) claims; figures 1,2 1-19 Α US 4 863 567 A (RALEY ET AL) 5 September 1989 (1989-09-05) column 5, line 37 - column 6, line 14; figures 1-3 -/--Patent family members are listed in annex. Further documents are listed in the continuation of box C. Special categories of cited documents: *T* tater document published after the international filling date or priority date and not in conflict with the application but clied to understand the principle or theory underlying the "A" document defining the general state of the an which is not considered to be of particular relevance Invention 'E' earlier document but published on or after the international filing date "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority datin(s) or which is clied to establish the publication date of another distribution or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to throbe an inventive step when the document is combined with one or more other such documenta, such combination being obvious to a person skilled "O" document reterring to an oral disclosure, use, exhibition or in the art. *P* document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of malling of the international search report . Date of the actual completion of the International search 10 May 2005 19/05/2005 Authorized officer Name and mailing address of the ISA European Patent Office, P.B. 5818 Palentiaan 2 NL - 2280 HV Rijswijk Tet. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

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